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NO.	DATE	DESCRIPTION OF CHANGES

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PLUMBING SYMBOLS	
	GATE VALVE
	GLOBE VALVE
	CHECK VALVE
	BUTTERFLY VALVE
	BALL VALVE
	PLUG VALVE
	CALIBRATED BALANCING SHUT-OFF VALVE & GPM SETTING
	ANGLE VALVE
	TWO-WAY CONTROL VALVE
	THREE-WAY CONTROL VALVE
	SOLENOID VALVE
	STRAINER
	PRESSURE REGULATING VALVE
	SAFETY RELIEF VALVE
	VENTURI FLOW MEASURING DEVICE
	AIR SEPARATOR
	UNION
	TEMPERATURE/PRESSURE TEST PLUG
	PRESSURE GAUGE WITH GAUGE COCK
	THERMOMETER
	WALL HYDRANT (NON-FREEZE)
	ROOF HYDRANT (NON-FREEZE)
	HOSE BIBB
	PUMP
	CIRCULATOR PUMP
	WATER HAMMER ARRESTER
	FLOOR DRAIN
	AREA DRAIN (STORM WATER)
	ROOF DRAIN
	PIPE ANCHOR
	PIPE GUIDE
	PIPE TRANSITION
	EXPANSION COMPENSATOR
	FLEXIBLE CONNECTION
	ELBOW DOWN
	ELBOW UP
	TEE DOWN
	TEE UP
	FLOW ARROW
	FLOOR CLEANOUT FLUSH WITH FINISH FLOOR
	YARD CLEANOUT FLUSH IN GRASS OR PAVED AREA
	CLEANOUT IN HORIZONTAL RUN
	CLEANOUT IN VERTICAL DROP EXPOSED
	CLEANOUT IN VERTICAL DROP WITH EXTENSION THROUGH WALL
	PIPE CAP
	CONTINUATION BREAK
	ACCESS DOOR IN WALL OR CEILING
	POINT OF CONNECTION-NEW TO EXISTING
	POINT OF DEMOLITION CONCLUSION
	DISTANCE FROM FLOOR TO BOTTOM OF OBJECT
	CONCRETE THRUST BLOCK

EXISTING PIPING SYMBOLS	
	EXISTING PIPING TO BE REMOVED
	EXISTING PIPING TO REMAIN - SERVICE IS SAME DESIGNATION AS NEW
	EXISTING PIPING NOTED AS CAPPED AND PORTION REMOVED

NOTE:
 NOT ALL ABBREVIATIONS AND SYMBOLS INDICATED MAY APPEAR ON THESE CONTRACT DRAWINGS. THIS IS FOR REFERENCE ONLY.

GENERAL SYMBOLS	
	SECTION MARKER
	PARTIAL PLAN / DETAIL MARKER
	RISER TYPE: S:SANITARY/W:WASTE/V:VENT/CW:COLD WATER/HW:HOT WATER RISER NUMBER

PLUMBING LINE TYPES	
	POTABLE DOMESTIC COLD WATER
	FILTERED COLD WATER
	DOMESTIC HOT WATER (120° F)
	DOMESTIC HOT WATER RETURN (120° F)
	DOMESTIC HOT WATER (140° F)
	DOMESTIC HOT WATER RETURN (140° F)
	SANITARY
	VACUUM
	GREASE LADEN WASTE
	ACID WASTE
	VENT
	ACID VENT
	RAIN/STORM WATER
	OVERFLOW (SECONDARY) RAIN/STORM DRAIN
	SIPHONIC RAIN/STORM DRAIN SYSTEM
	INDIRECT DRAIN
	NATURAL GAS
	AIR
	INDIRECT WASTE
	PUMP DISCHARGE
	SPRINKLER

ABBREVIATIONS			
AD	ACCESS DOOR	IN WC	INCHES, WATER COLUMN
ADA	AMERICAN DISABILITY ACT	INV	INVERT
AFF	ABOVE FINISH FLOOR	KEC	KITCHEN EQUIPMENT CONTRACTOR
AMB	AMBIENT	L	LENGTH
AMP	AMPERE	LB	POUND
AV	ACID VENT	LF	LINEAR FEET
AW	ACID WASTE	LVR	LOUVER
BLDG	BUILDING	LWT	LEAVING WATER TEMPERATURE
BOT	BOTTOM	MAX	MAXIMUM
BTU	BRITISH THERMAL UNITS	MBH	BTUH x 1000
BTUH	BRITISH THERMAL UNITS PER HOUR	MC	MECHANICAL CONTRACTOR
CA	COMPRESSED AIR	MFR	MANUFACTURER
CAP	CAPACITY	MIN	MINIMUM
CD	CONDENSATE DRAIN	MTD	MOUNTED
CI	CAST IRON	NC	NORMALLY CLOSED
CLG	CEILING	NFRH	NON-FREEZE ROOF HYDRANT
CO	CLEAN OUT	NFWH	NON-FREEZE WALL HYDRANT
CP	CONDENSATE PUMP	NIC	NOT IN CONTRACT
CW	COLD WATER	OC	ON CENTER
DDC	DIRECT DIGITAL CONTROL	P	PUMP
DIA	DIAMETER	PC	PLUMBING CONTRACTOR
DN	DOWN	PD	PRESSURE DROP
DWG	DRAWING	PLBG	PLUMBING
E.C	ELECTRICAL CONTRACTOR	PRES	PRESSURE
EFF	EFFICIENCY	PSIG	POUNDS PER SQUARE INCH GAUGE
EL	ELEVATION	PVC	POLYVINYL CHLORIDE
EQUIP	EQUIPMENT	RD	ROOF DRAIN
ET	EXPANSION TANK	RH	RELATIVE HUMIDITY
ETR	EXISTING TO REMAIN	ROOM	ROOM
EWT	ENTERING WATER TEMPERATURE	RPM	REVOLUTIONS PER MINUTES
EX	EXISTING	RWC	RAINWATER CONDUCTOR
F	FAHRENHEIT	SRW/C	SECONDARY ROOF DRAIN
FC	FLEXIBLE CONNECTION	SAN	SANITARY
FCO	FLOOR CLEAN OUT	SD	STORM DRAIN
FD	FLOOR DRAIN	SHT	SHEET
FDC	FIRE DEPARTMENT CONNECTION	SPEC	SPECIFICATIONS
FT	FEET	TEMP	TEMPERATURE
FFM	FEET PER MINUTE	TYP	TYPICAL
FS	FLOOR SINK	VEL	VELOCITY
G	GALLON	VFD	VARIABLE FREQUENCY DRIVE
GAL	GALLON	V	VENT
GC	GENERAL CONTRACTOR	VTR	VENT THROUGH ROOF
GR	GREASE WASTE LINE	VCO	VERTICAL CLEANOUT
GPM	GALLONS PER MINUTE	W	WASTE
HB	HOSE BIBB	WCO	WALL CLEANOUT
HP	HORSE POWER	WPD	WATER PRESSURE DROP
HR	HOUR	WTR	WATER
HT	HEIGHT	W/	WITH
HW	HOT WATER	W/O	WITHOUT
HWR	HOT WATER RETURN		
IN	INCH		

GENERAL NOTES:

- CONTRACTOR SHALL PROVIDE A COMPLETE AND WORKING SYSTEM WITH ALL NECESSARY PERMITS AND APPROVALS FROM AUTHORITIES HAVING JURISDICTION.
- INSTALL ALL EQUIPMENT AND MATERIALS IN STRICT ACCORDANCE WITH 2018 INTERNATIONAL PLUMBING CODE AND ALL PERTINENT CODES, LAWS, ORDINANCES, REGULATIONS, AND RESPECTIVE MANUFACTURER'S WRITTEN INSTRUCTIONS. IF A CONFLICT OCCURS, THE MORE STRINGENT REQUIREMENT SHALL APPLY.
- COORDINATE PLUMBING WORK WITH THE WORK OF ALL OTHER CONTRACTORS, OWNER, AND STRUCTURAL AND ARCHITECTURAL FEATURES.
- PLUMBING DRAWINGS ARE DIAGRAMMATIC IN NATURE. THE DRAWINGS MUST FOLLOW AS CLOSELY AS CIRCUMSTANCES PERMIT AND ACTUAL LINE LOCATIONS SHALL BE DETERMINED BY THE P.C. IN THE FIELD. HOWEVER, THE PLUMBING CONTRACTOR WILL BE HELD RESPONSIBLE FOR THE PROPER INSTALLATION OF ALL MATERIALS AND EQUIPMENT REQUIRED FOR A COMPLETE INSTALLATION WITHIN THE INTENT AND MEANING OF THE CONTRACT DOCUMENTS.
- THE PLUMBING CONTRACTOR SHALL ARRANGE THE PROGRESS OF HIS WORK SO AS TO CONFORM TO THE PROGRESS OF THE TRADES AND SHALL COMPLETE THE ENTIRE INSTALLATION AS SOON AS THE CONDITION OF THE PROJECT WILL PERMIT.
- ALL ITEMS OF LABOR, MATERIAL AND EQUIPMENT NOT SPECIFICALLY DESCRIBED HEREIN NOR DETAILED ON THE DRAWINGS BUT INCIDENTAL TO OR NECESSARY FOR THE COMPLETION OF THE WORK SHALL BE CONSIDERED AS INCLUDED WITHOUT EXTRA COST. UNLESS NOTED OTHERWISE, CONSTRUCTION MATERIAL AND EQUIPMENT REMOVED SHALL BECOME PROPERTY OF THE CONTRACTOR AND SHALL BE LEGALLY DISPOSED OF OFF THE SITE.
- PROVIDE NECESSARY SUPPORTS, HANGERS, AND HARDWARE TO PROPERLY SECURE PIPING AND EQUIPMENT STRUCTURE.
- ALL PIPING TO BE CONCEALED IN CEILINGS AND WALLS, EXCEPT IN MECHANICAL ROOMS, SPACES WITHOUT CEILINGS, OR WHERE NOTED OTHERWISE.
- LABEL ALL DOMESTIC COLD WATER AND DOMESTIC HOT WATER PIPING WITH COLORED, WATERPROOF, ALL TEMPERATURE, SELF-ADHERING LABELS AND DIRECTIONAL ARROWS AS MANUFACTURED BY SETON OR EQUAL.
- FURNISH AND INSTALL ACCESS PANELS WHERE REQUIRED FOR ACCESS TO ALL CONCEALED VALVES, TRAPS, OR EQUIPMENT WHERE NO OTHER MEANS IS PROVIDED. INSTALL RATED ACCESS PANELS IN THE FIRE RATED CONSTRUCTION TO MAINTAIN RATING. COORDINATE ACCESS LOCATIONS WITH ARCHITECT AND GC.
- DO NOT INSTALL PIPING OR ANY OTHER PLUMBING EQUIPMENT OVER ELECTRICAL PANELS. MAINTAIN A MINIMUM OF 36" CLEAR IN FRONT OF ELECTRICAL PANELS.
- THE PLUMBING CONTRACTOR SHALL PROVIDE INSTRUCTIONS TO THE OWNER FOR EACH SYSTEM INSTALLED AND THE OPERATION OF ALL EQUIPMENT IN HIS CONTRACT.
- CHECK AND VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS SERVICES AND UNDERGROUND UTILITIES AT THE SITE. FAILURE TO VISIT AND INSPECT THE EXISTING CONDITIONS SHALL NOT BE VALID REASON FOR AUTHORIZATION OF A CHANGE ORDER. PLUMBING CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ALL DAMAGES WHICH MAY OCCUR BY THE FAILURE TO PRECISELY LOCATE AND PRESERVE ANY UNDERGROUND UTILITIES.
- CONTRACTOR SHALL UNCONDITIONALLY GUARANTEE IN WRITING ALL MATERIALS, EQUIPMENT, AND WORKMANSHIP FOR A PERIOD OF ONE YEAR FROM DATE OF ACCEPTANCE BY OWNER.
- PROVIDE SHOCK ABSORBING DEVICES WHICH WILL PROTECT WATER SUPPLY PIPING FROM WATER HAMMER. REFER TO PLUMBING EQUIPMENT SCHEDULE FOR TYPES. LOCATE AT THE ENDS OF ALL BRANCH PIPING RUNS.
- THE PLUMBING CONTRACTOR SHALL SUBMIT TO THE ARCHITECT/ENGINEER AS-BUILT DRAWINGS AND OPERATION AND MAINTENANCE MANUALS INCLUDING ALL NAME PLATE DATA, WIRING DIAGRAMS, MAINTENANCE INSTRUCTIONS, AND PARTS LIST UPON PROJECT COMPLETION.
- EXTERIOR BELOW GROUND PIPING SHALL BE BURIED BELOW THE LOCAL FROST LINE.
- INTERIOR ABOVE GROUND DRAINAGE AND VENT PIPING SHALL BE CONCEALED IN WALLS AND ABOVE SUSPENDED CEILINGS WHERE POSSIBLE. VERTICAL STACKS SHALL BE PROVIDED WITH ACCESSIBLE CLEAN OUTS AT THEIR BASE. MINIMUM SIZE OF SANITARY PIPING BELOW GRADE INSIDE BUILDING SHALL BE 2".
- THE CONTRACTOR SHALL MAINTAIN A CLEAN AND SAFE WORK AREA AT ALL TIMES. ALL SAFETY PROCEDURES AND ENFORCEMENT IS THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL CONFORM TO ALL OSHA STANDARDS
- BACKFLOW PREVENTERS AND/OR VACUUM BREAKERS SHALL BE INSTALLED WHERE REQUIRED TO PREVENT CONTAMINATION OF POTABLE WATER SYSTEM.
- CONTRACTOR SHALL PAY FOR AND OBTAIN ALL FEES, PERMITS AND INSPECTIONS. ALL CHARGES BY UTILITY COMPANIES SHALL BE PAID BY THIS CONTRACTOR.
- EXCEPT WHERE OTHERWISE INDICATED, ALL CUTTING, EXCAVATION, FILL, AND PATCHING REQUIRED FOR THE PLUMBING WORK SHALL BE BY THE PLUMBING CONTRACTOR. DO NOT CUT STRUCTURAL MEMBERS.
- WHERE MODIFICATIONS OR ADDITIONS TO EXISTING WORK IS TO BE DONE BY ANOTHER CONTRACTOR, EXISTING EQUIPMENT, FIXTURES, SUPPORTS, PIPING, AND APPURTENANCES SHALL BE REMOVED AND REINSTALLED TO ACCOMMODATE MODIFICATIONS OR ADDITIONS. THIS SHALL INCLUDE THE ADDITION OF DOORS, WALLS, STRUCTURAL SUPPORTS, UNITS, ETC. COORDINATE WITH OTHER CONTRACTORS IN THE FIELD PRIOR TO WORK COMMENCING. WHERE THE QUANTITY OF WORK CANNOT BE DETERMINED PRIOR TO BID DUE TO CONCEALED CONDITIONS, PROVIDE SEPERATE LINE ITEM ALLOWANCE IN BID.
- ALL EXPOSED PIPING SHALL BE CLEANED AND HAVE THE SURFACE PREPARED TO RECEIVE PAINTED FINISH. PRIME AND PAINT THE EXPOSED PIPING IN COLOR AS SELECTED BY THE ARCHITECT.
- SLOPE ALL SOIL, WASTE, AND STORM WATER LINES PER CODE.
- SEAL ALL FLOOR AND WALL PENETRATIONS IN FIRE RATED CEILINGS AND PARTITIONS TO MAINTAIN FIRE RATING. COORDINATE LOCATIONS WITH ARCHITECTURAL DRAWINGS.
- PLUMBING CONTRACTOR IS REQUIRED TO NOTIFY FACILITY OWNERS NOT LESS THAN 3 AND/OR NOT MORE THAN 10 WORKING DAYS PRIOR TO EXCAVATION OR DEMOLITION WORK WHEN USING POWERED EQUIPMENT ON PUBLIC OR PRIVATE PROPERTY.
- PENNSYLVANIA ONE CALL SYSTEM 1-800-242-1776.

PLUMBING DRAWING LIST	
P0.0	PLUMBING INFORMATION SHEET
P1.1	FIRST FLOOR PLAN - DOMESTIC WATER
P1.2	SECOND FLOOR PLAN - DOMESTIC WATER
P2.1	FIRST FLOOR PLAN - SANITARY
P2.2	SECOND FLOOR PLAN - SANITARY
P3.0	ENLARGED PLANS - PLUMBING
P3.1	ENLARGED PLANS - PLUMBING
P4.0	PLUMBING DIAGRAMS & SCHEDULES
PD1.1	FIRST FLOOR PLAN - DEMOLITION - PLUMBING
PD1.2	SECOND FLOOR PLAN - DEMOLITION - PLUMBING



PLUMBING INFORMATION SHEET
 PLOT SCALE: 12" = 1'-0"
 FILENAME:
 DATE: 02/09/24

PROJECT
 3378.1
P0.0

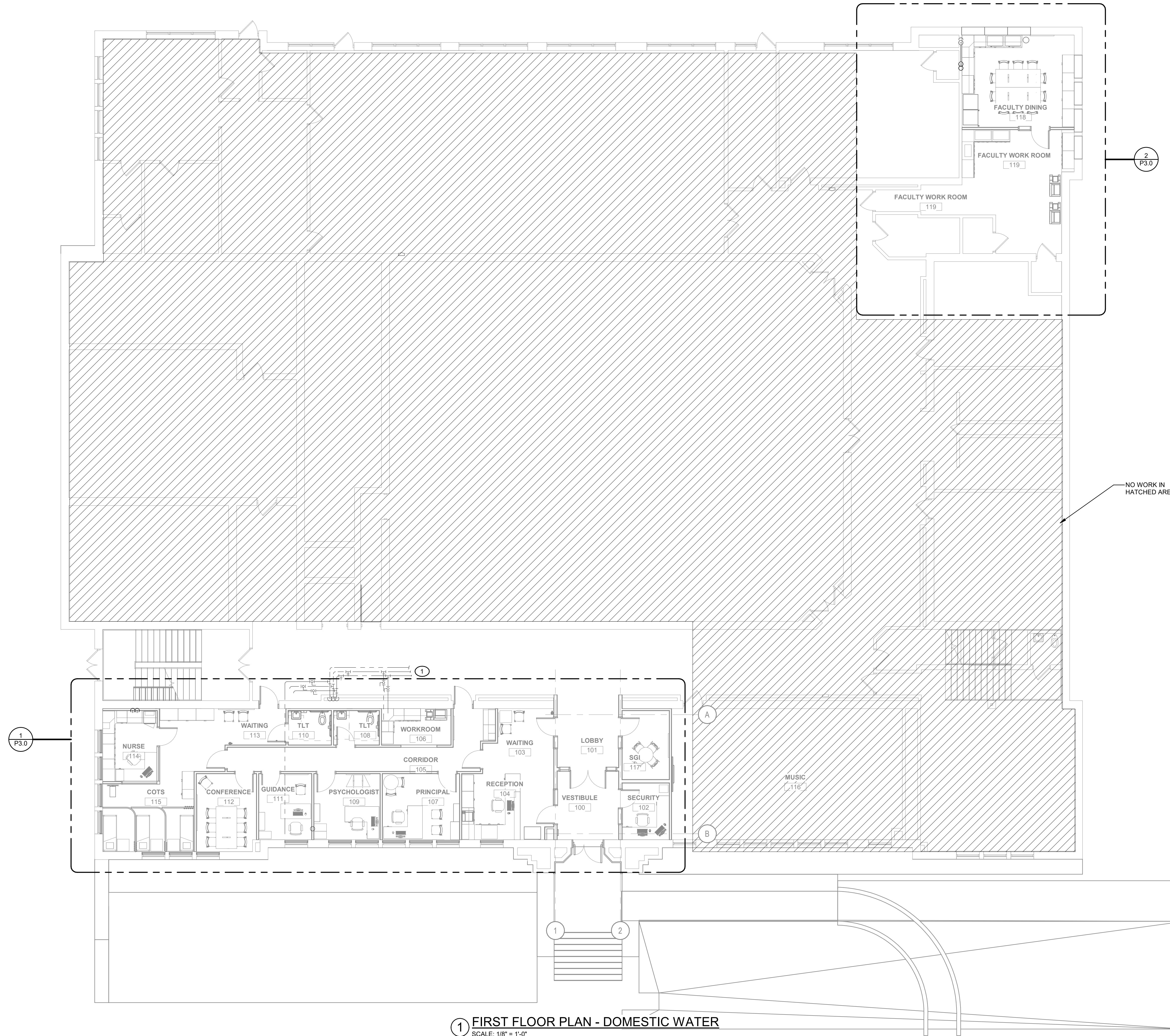
GENERAL NOTES:

1. VERIFY EXISTING CONDITIONS BEFORE BEGINNING WORK.
2. IF EXISTING CONDITIONS DO NOT MATCH CONTACT ENGINEER WITH WRITTEN REPORT.
3. ALL SYSTEMS SHALL BE TESTED FOR PROPER OPERATION IN ACCORDANCE WITH APPLICABLE CODES AND REGULATIONS.

NOTES BY SYMBOL: (E)

(THIS DRAWING ONLY)

- (1) EXISTING DOMESTIC WATER PIPING IN CORRIDOR TO REMAIN, BEYOND SCOPE OF WORK, SHOWN FOR CLARITY.



1 FIRST FLOOR PLAN - DOMESTIC WATER
 SCALE: 1/8" = 1'-0"

REVISIONS

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FIRST FLOOR PLAN - DOMESTIC WATER
 PLOT SCALE: 1/8" = 1'-0"
 FILENAME:
 DATE: 02/09/24

PROJECT
 3378.1
P1.1

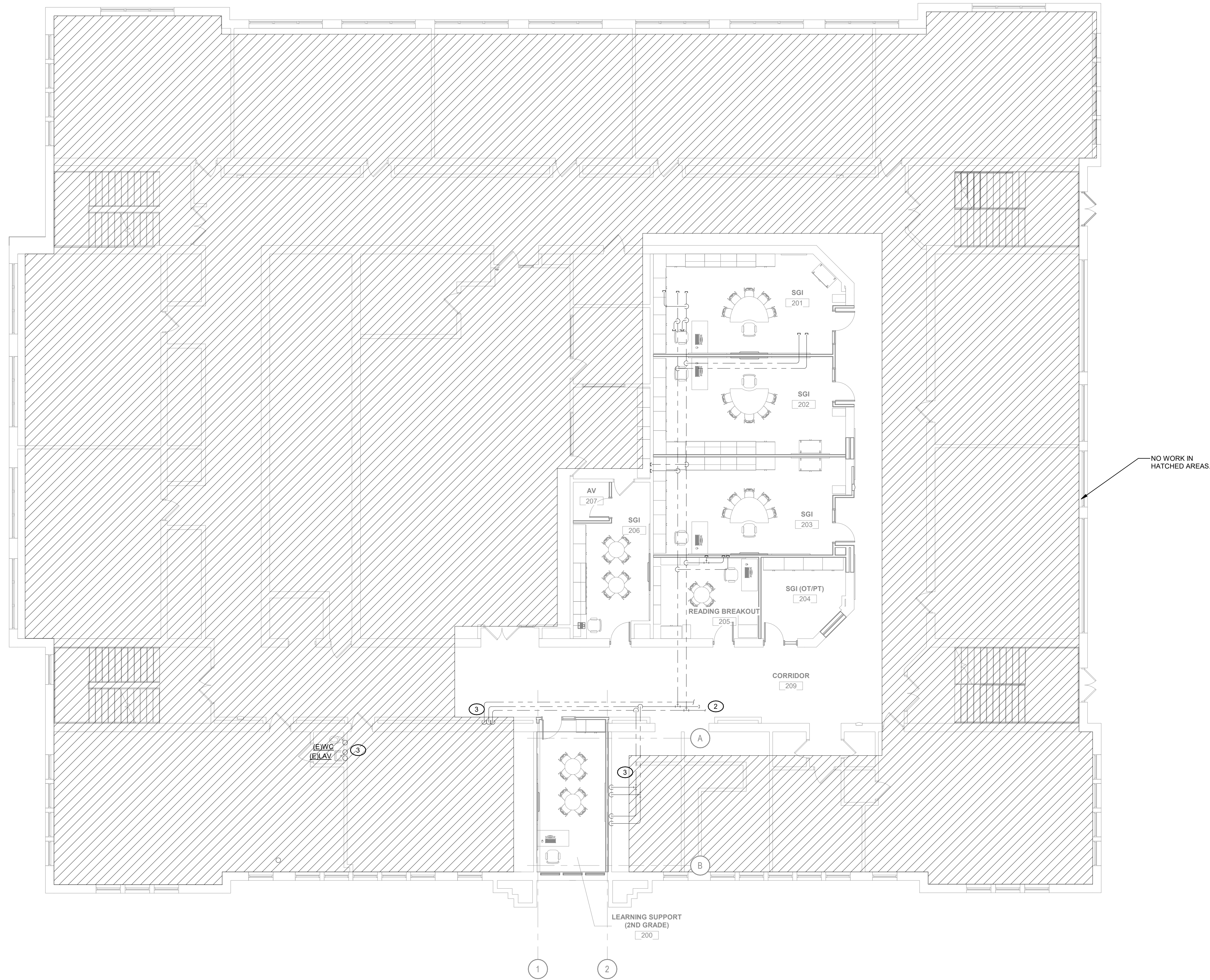
GENERAL NOTES:

1. VERIFY EXISTING CONDITIONS BEFORE BEGINNING WORK.
2. IF EXISTING CONDITIONS DO NOT MATCH CONTACT ENGINEER WITH WRITTEN REPORT.
3. ALL SYSTEMS SHALL BE TESTED FOR PROPER OPERATION IN ACCORDANCE WITH APPLICABLE CODES AND REGULATIONS.
4. ALL DOMESTIC WATER PIPING IS TO BE TYPE L COPPPER WITH 1" INSULATION.

NOTES BY SYMBOL: (1)

(THIS DRAWING ONLY)

- (1) CAP EXISTING DOMESTIC WATER PIPING ABOVE CEILING.
- (2) EXISTING DOMESTIC WATER PIPING IN CORRIDOR TO REMAIN, BEYOND SCOPE OF WORK, SHOWN FOR CLARITY.
- (3) EXISTING DOMESTIC WATER PIPING TO REMAIN.



1 SECOND FLOOR PLAN - DOMESTIC WATER
 SCALE: 1/8" = 1'-0"

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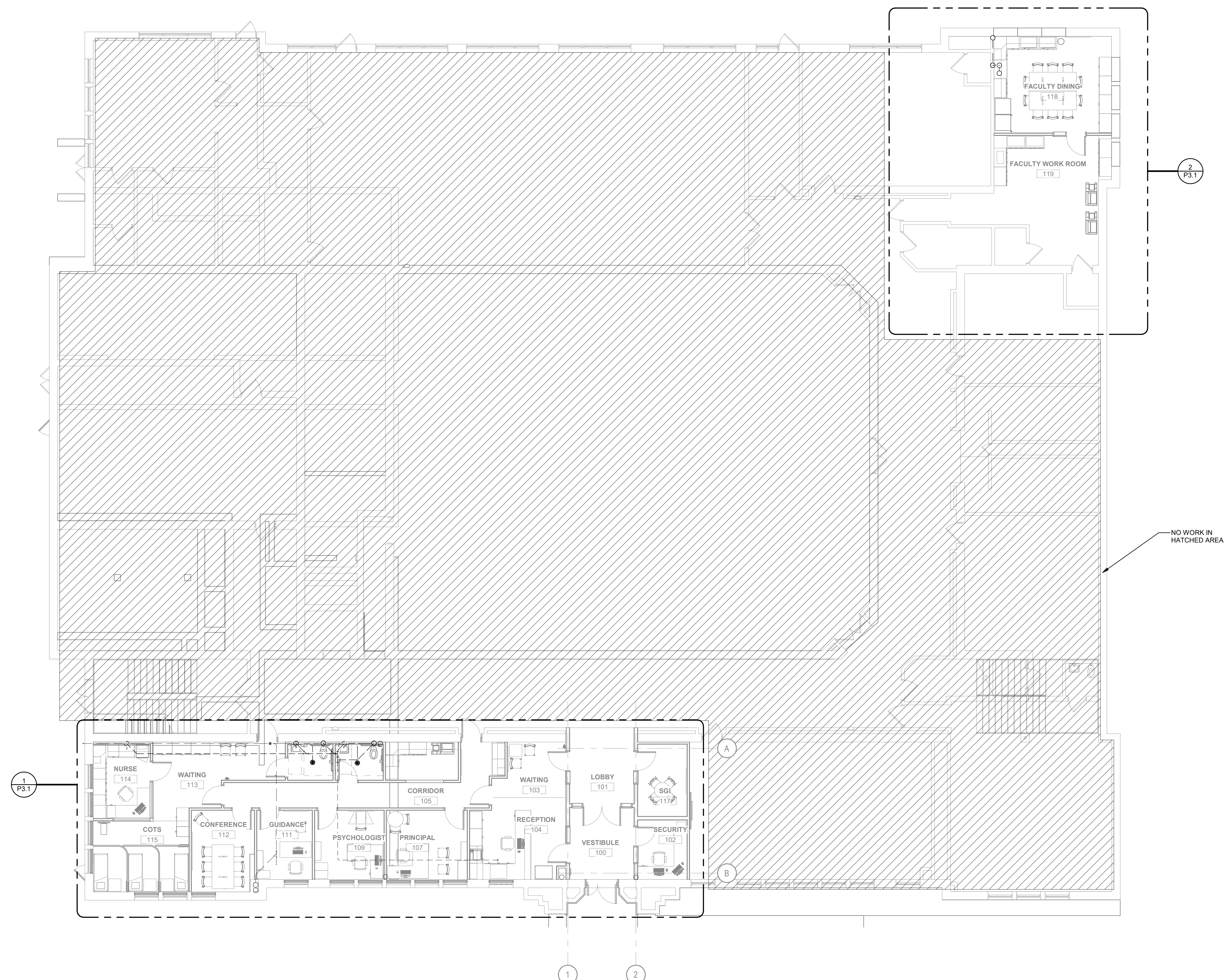
SECOND FLOOR PLAN -
 DOMESTIC WATER

PLOT SCALE:
 1/8" = 1'-0"
 FILENAME:
 DATE:
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PROJECT
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P1.2

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1 FIRST FLOOR PLAN - SANITARY
 SCALE: 1/8" = 1'-0"

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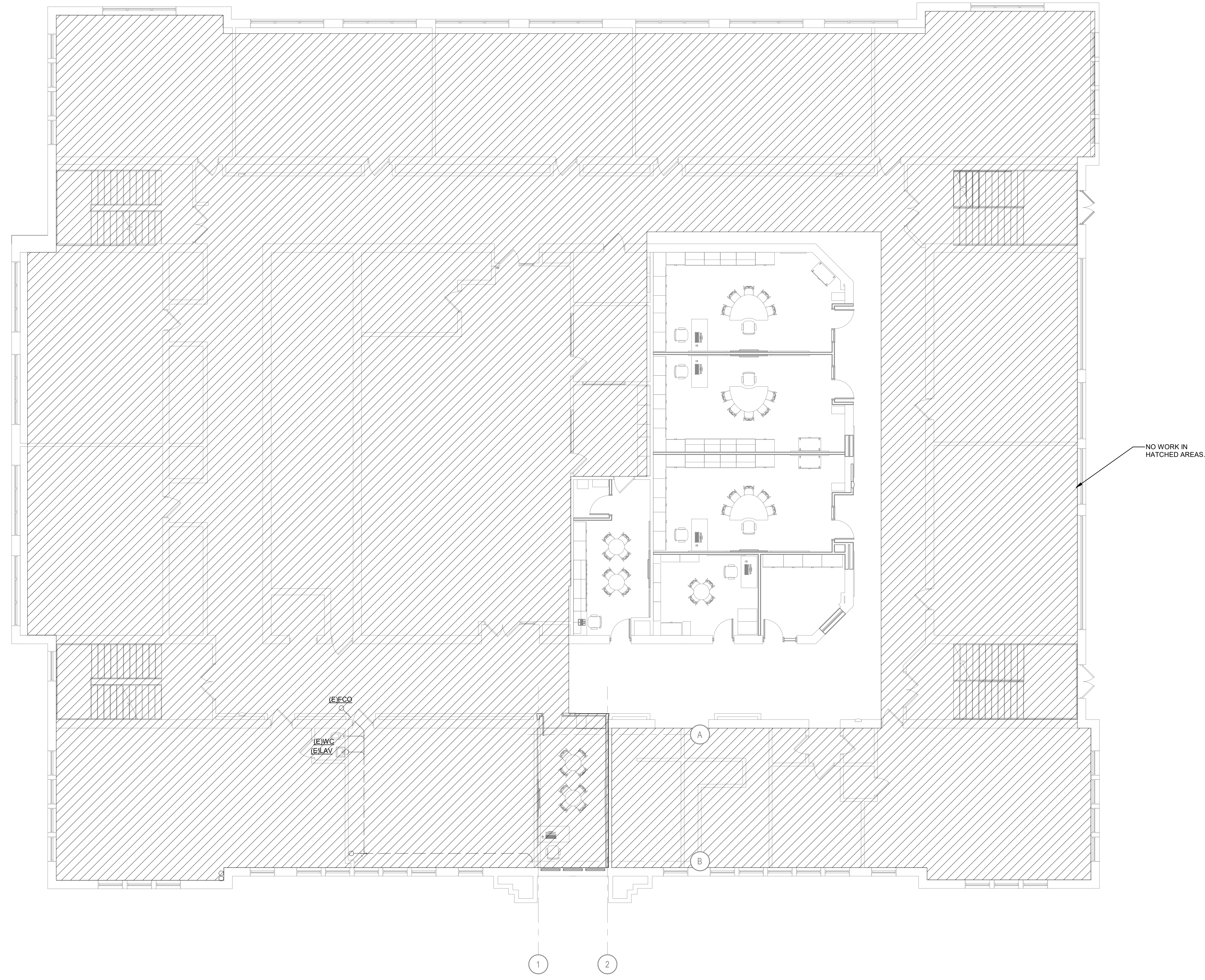
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FIRST FLOOR PLAN - SANITARY
 PLOT SCALE: 1/8" = 1'-0"
 FILENAME:
 DATE: 02/09/24

PROJECT
 3378.1
P2.1



1 SECOND FLOOR PLAN - SANITARY
 SCALE: 1/8" = 1'-0"

REVISIONS		
NO.	DATE	DESCRIPTION OF CHANGES

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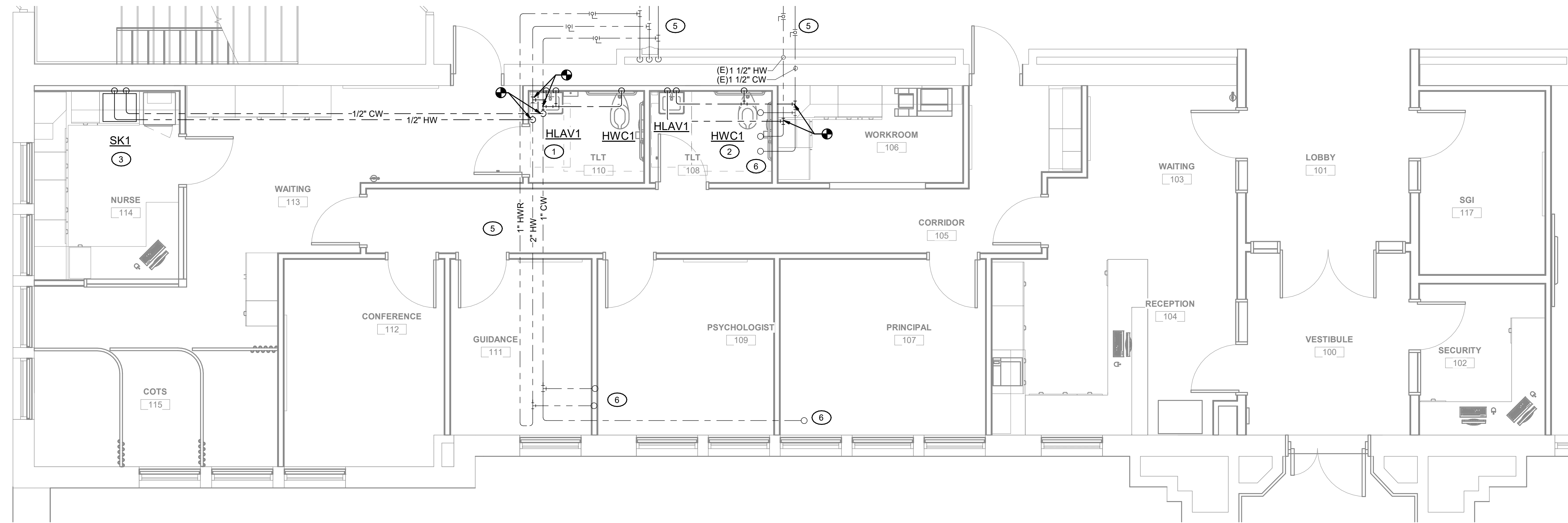
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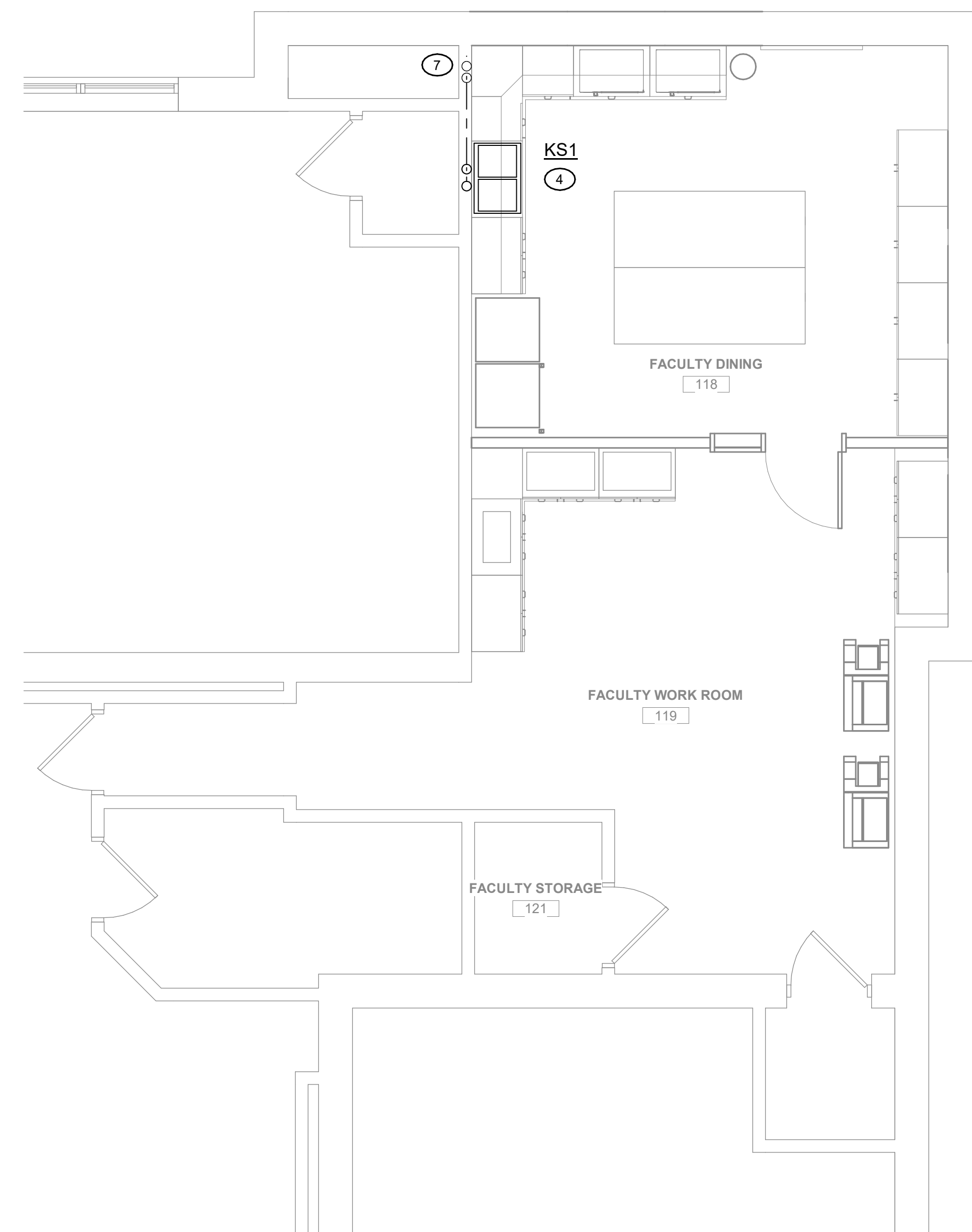


SECOND FLOOR PLAN - SANITARY
 PLOT SCALE: 1/8" = 1'-0"
 FILENAME:
 DATE: 02/09/24

PROJECT
 3378.1
P2.2



1 ENLARGED PLAN - FIRST FLOOR MAIN OFFICE - DOMESTIC WATER
SCALE: 1/4" = 1'-0"



2 ENLARGED PLAN - TEACHERS LOUNGE - DOMESTIC WATER
SCALE: 1/4" = 1'-0"

GENERAL NOTES:

1. VERIFY EXISTING CONDITIONS BEFORE BEGINNING WORK.
2. IF EXISTING CONDITIONS DO NOT MATCH CONTACT ENGINEER WITH WRITTEN REPORT.
3. ALL SYSTEMS SHALL BE TESTED FOR PROPER OPERATION IN ACCORDANCE WITH APPLICABLE CODES AND REGULATIONS.
4. ALL DOMESTIC WATER PIPING IS TO BE TYPE L COPPER WITH 1" INSULATION.

NOTES BY SYMBOL: ①

- (THIS DRAWING ONLY)
- ① PROVIDE 1/2" HWCW TO HLAV1, TYPICAL ALL. PROVIDE DOMESTIC WATER PIPING DOWN THROUGH CHASE.
 - ② PROVIDE 1" CW TO HWC1, TYPICAL ALL. PROVIDE DOMESTIC WATER PIPING DOWN THROUGH CHASE.
 - ③ PROVIDE 1/2" HWCW TO SK1, PROVIDE DOMESTIC WATER PIPING DOWN THROUGH CHASE.
 - ④ PROVIDE 1/2" HWCW TO SK1.
 - ⑤ EXISTING DOMESTIC WATER BRANCHES TO REMAIN. SHOWN FOR CLARITY.
 - ⑥ EXISTING DOMESTIC WATER PIPING UP TO REMAIN. SHOWN FOR CLARITY.
 - ⑦ PROVIDE 1/2" HWCW CONNECTION TO EXISTING DOMESTIC WATER PIPING IN EXISTING CHASE WALL.



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ENLARGED PLANS - PLUMBING
 PLOT SCALE: 1/4" = 1'-0"
 FILENAME:
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PROJECT
 3378.1
P3.0

PLUMBING EQUIPMENT SCHEDULE

SYMBOL	FIXTURE TYPE	MANUFACTURER	MODEL NO.	FAUCET/ VALVE	ANSI/ASME APPROVALS	MOUNTING/ SUPPORT	* MINIMUM PIPE SIZES					DFU **	WSFU **	ELECTRIC	NOTES
							HW	CW	SAN	TRAP	VENT				
FC01	FLOOR CLEAN OUT	ZURN	ZN1400	-	A112.21.1M	FLOOR	-	-	4"	-	-	-	-	-	INSTALL FLUSH AND LEVEL WITH FLOOR
FD1	FLOOR DRAIN - FINISHED FLOORS	ZURN	ZN415-B	-	A112.6.3-2001	FLOOR	-	-	2"	2"	1 1/2"	-	-	-	WITH 5" DEEP TRAP. PROVIDE WITH TRAP SEAL PROTECTION DEVICE (PROVIDE TRAP PRIMER ZURN MODEL Z1022-XL)
HLAV1	HANDICAP LAVATORY	ZURN	Z5344 20"x18" 4" CENTERS	ZURN Z81104-XL-22M	A112.19.2M/ A117.1	WALL BRACKET/ ZURN Z1224, Z1231	1/2"	1/2"	1 1/2"	1 1/2"	1 1/2"	1	7/2	-	1.5 GPM. POLISHED CHROME. MOUNT RIM 34" AFF. SEE NOTE 3. PROVIDE ADA TRAP AND POLISHED CHROME GRID STRAINER.
HWC1	HANDICAP WATER CLOSET	ZURN	Z5685-BWL-1	SLOAN ROYAL 111-1.28-CO	A112.19.2M/ A112.19.6M/A117.1	FLOOR	-	1 7/16"	4"	-	2"	3/4	6/10	-	1.28 GPF. SEE NOTE 5. ZURN SEAT Z5955. VERIFY FLUSH VALVE WITH OWNER.
KS1	KITCHEN SINK	ELKAY	LR3322 33"x22"x8.125"	ZURN Z871C1-XL-17F-HS	A112.19.3M	COUNTER	1/2"	1/2"	1 1/2"	1 1/2"	1 1/2"	2	1.4	-	1.5 GPM. WITH LK-335 DUO STRAINER AND TAILPIECE
SK1	ADA SINK	ELKAY	DRKA22205SC 22"x19.5"x5.5	INTEGRAL	A112.19.3M	COUNTER	1/2"	1/2"	1 1/2"	1 1/2"	1 1/2"	2	1.4	-	1.5 GPM. WITH LK-335 DUO STRAINER AND TAILPIECE
WCO	WALL CLEAN OUT	ZURN	Z1441	-	A112.36.2M	WALL	-	-	4"	-	-	-	-	-	

* MINIMUM SANITARY/VENT PIPE SIZE BELOW SLAB IS 2"
 ** VALUES TAKEN FROM TABLES 709.1 AND E103.3(2) FROM THE CURRENT ADOPTED IPC

- NOTES:**
 1. ALL FIXTURES TO BE BY MANUFACTURER NOTED, OR APPROVED EQUAL, AND SUPPLIED WHITE UNLESS NOTED OR DIRECTED BY ARCHITECT.
 2. ALL EXPOSED PIPING, P-TRAPS AND STOP VALVES TO BE CHROME PLATED BRASS.
 3. PROVIDE WITH PRE-FORMED INSULATION KIT, WHITE IN COLOR ON ALL EXPOSED PIPING FOR HANDICAP FIXTURES.
 4. PROVIDE STOP VALVES AT EACH FIXTURE.
 5. MOUNT FLUSH VALVE HANDLE ON ACCESS SIDE OF WATER CLOSET.
 6. MOUNT TRIP LEVER ON ACCESS SIDE OF WATER CLOSET.
 7. PROVIDE CUSTOM MANUFACTURED STAINLESS SINK WITH (3) 3-HOLE FAUCET OPENINGS (4" CENTERS) SPACED EVENLY IN REAR DECK OF SINK.

THERMOSTATIC MIXING VALVE SCHEDULE

SYMBOL	TYPE	MANUFACTURER	MODEL	STANDARD	INSTALLATION	MIN. FLOW (GPM)	MAX. FLOW (GPM)	SETPPOINT	IN/OUT DIAMETER (IN.)	NOTES
TMV-1	POINT OF USE	ZURN	ZW3870XLT	ASSE 1070, NSF 61	BELOW FIXTURE	0.06	3.1	110°F	1/2"	1,2

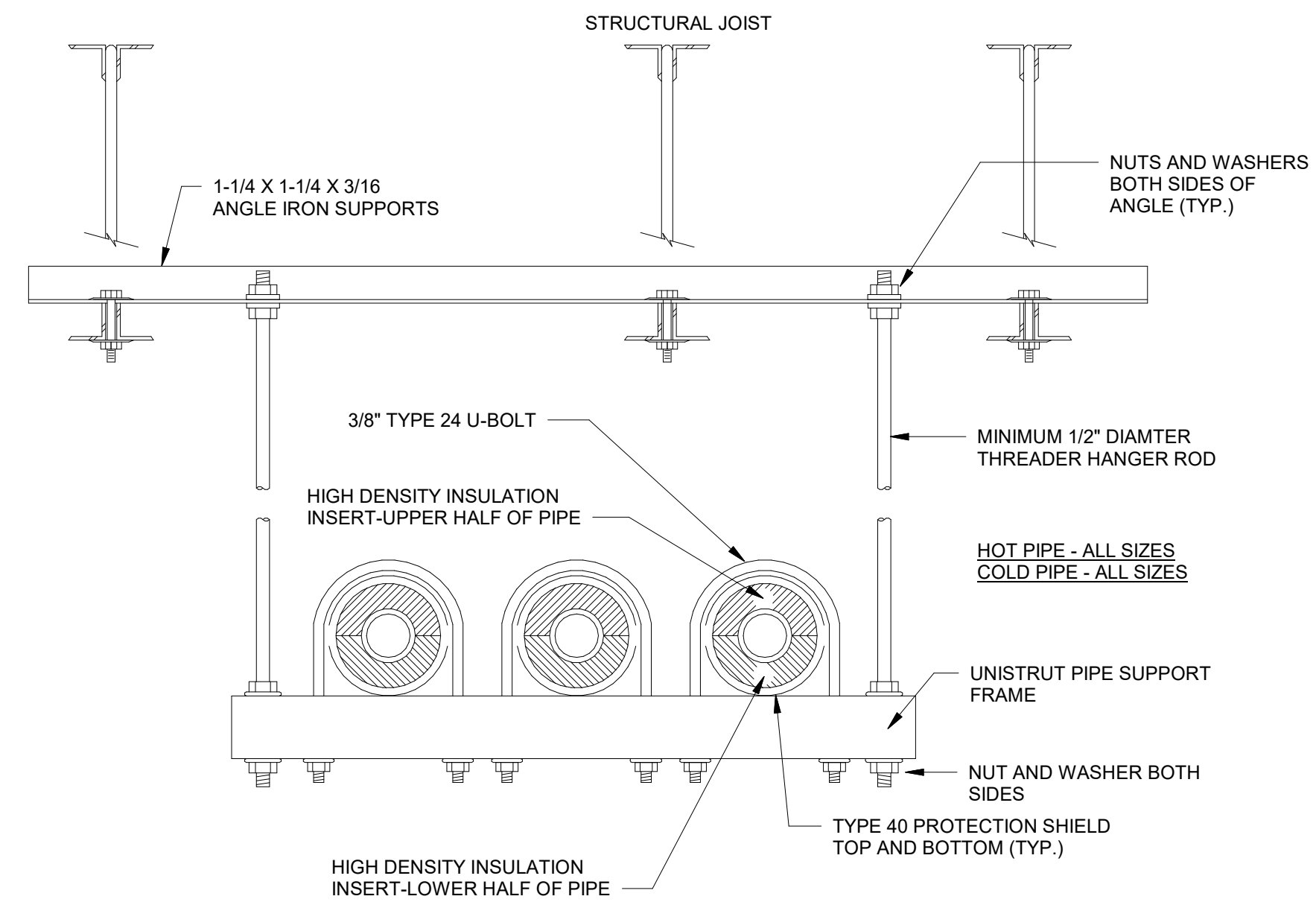
- NOTES:**
 1. INSTALL PER MANUFACTURER'S WRITTEN INSTRUCTIONS. BASIS OF DESIGN PRODUCT INDICATED.
 2. PROVIDE FOR ALL HANDWASHING SINKS AND LAVATORIES.



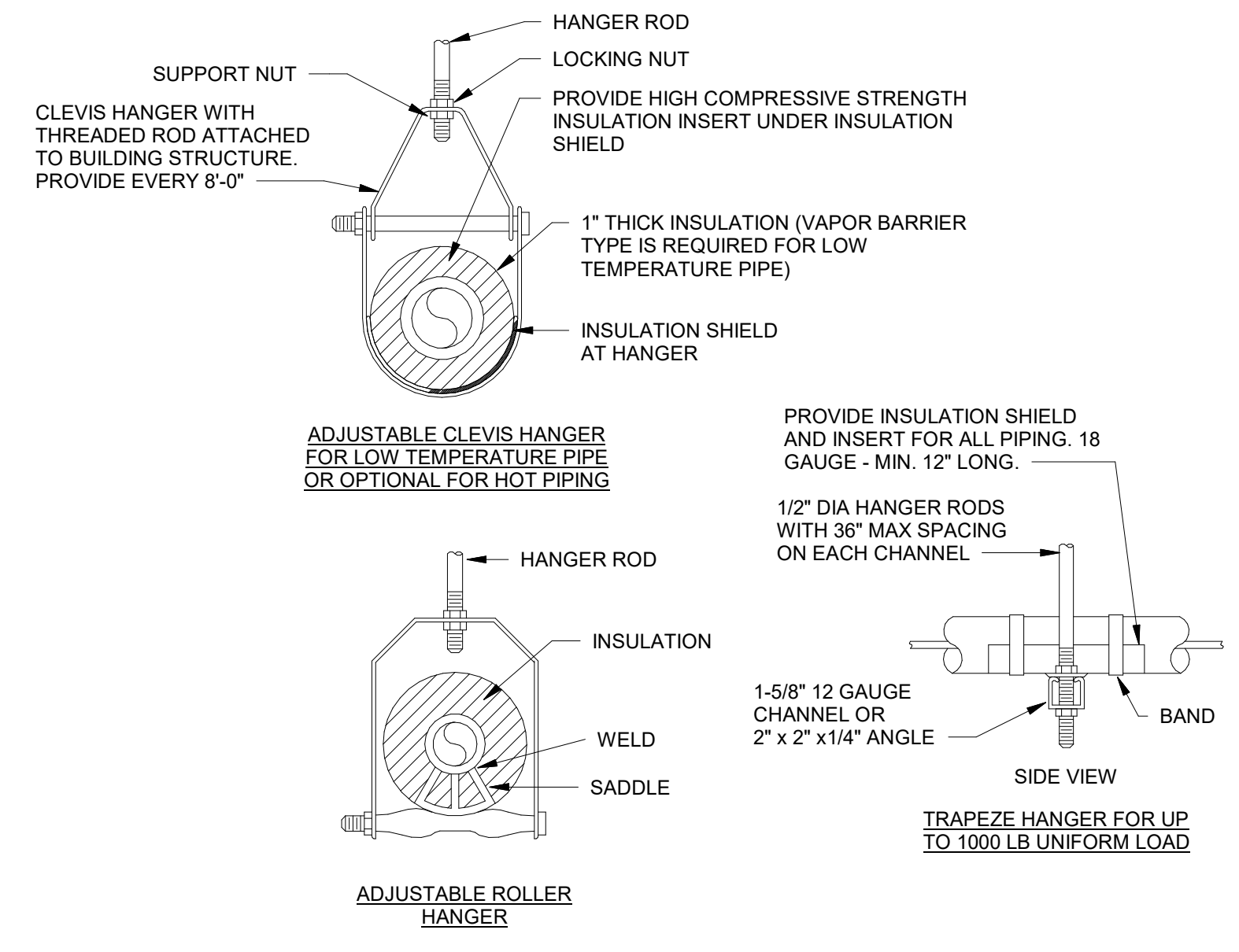
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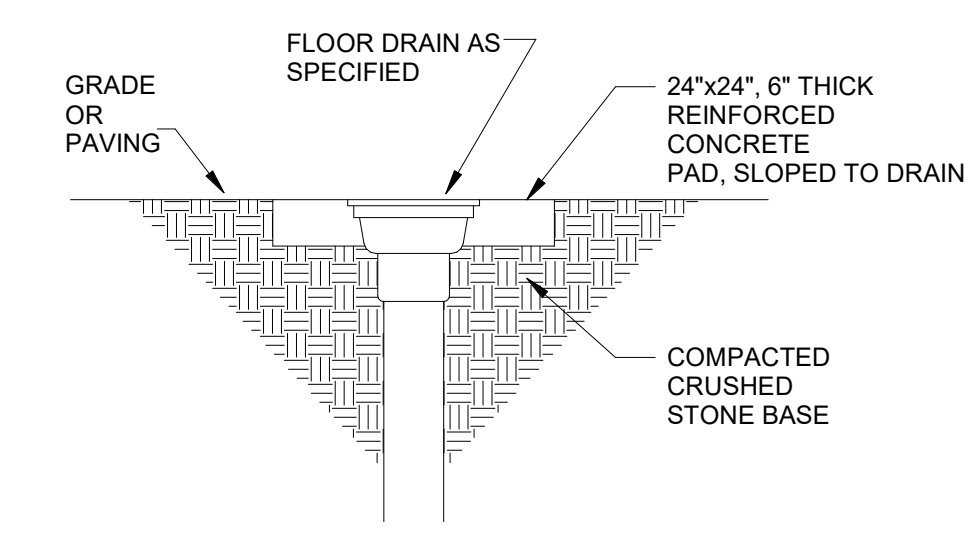
NO.	DATE	BY	DESCRIPTION OF CHANGES



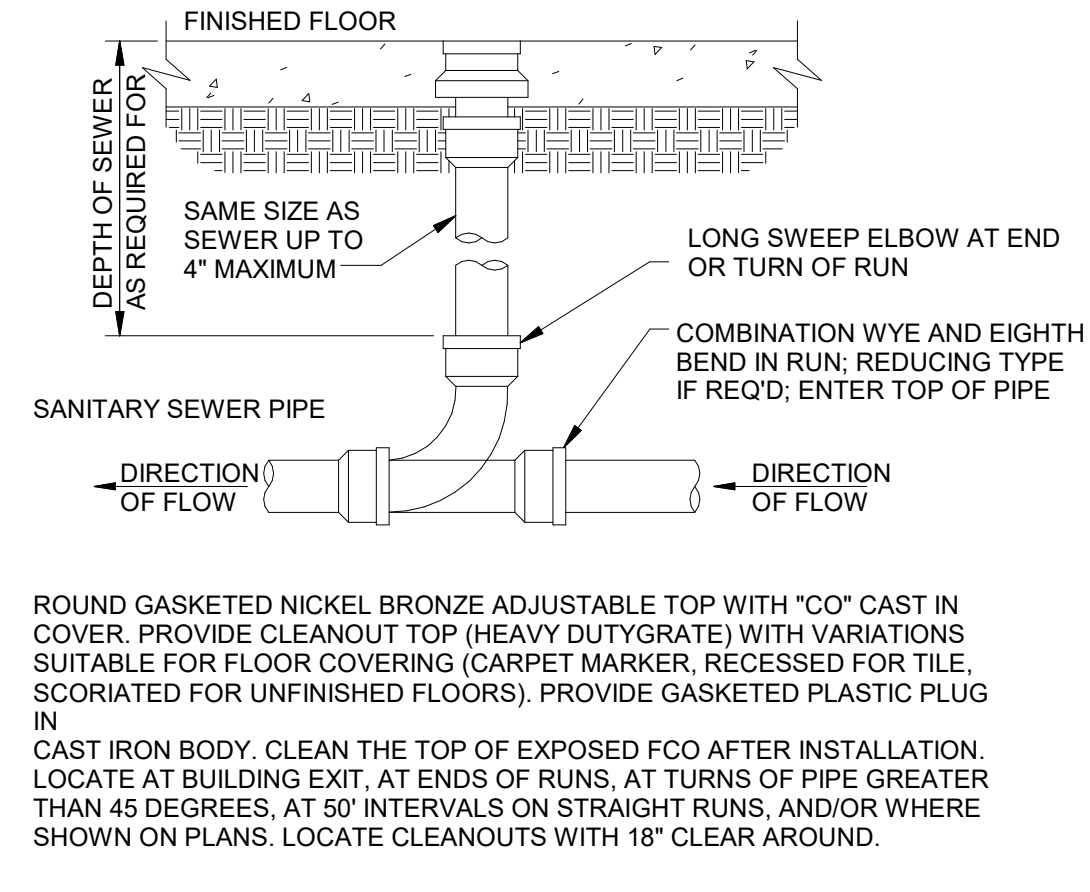
① HORIZONTAL PIPE SUPPORT DETAIL
SCALE: NO SCALE



② TYPICAL PIPE HANGERS DETAIL
SCALE: NO SCALE



③ FLOOR DRAIN DETAIL
SCALE: NO SCALE



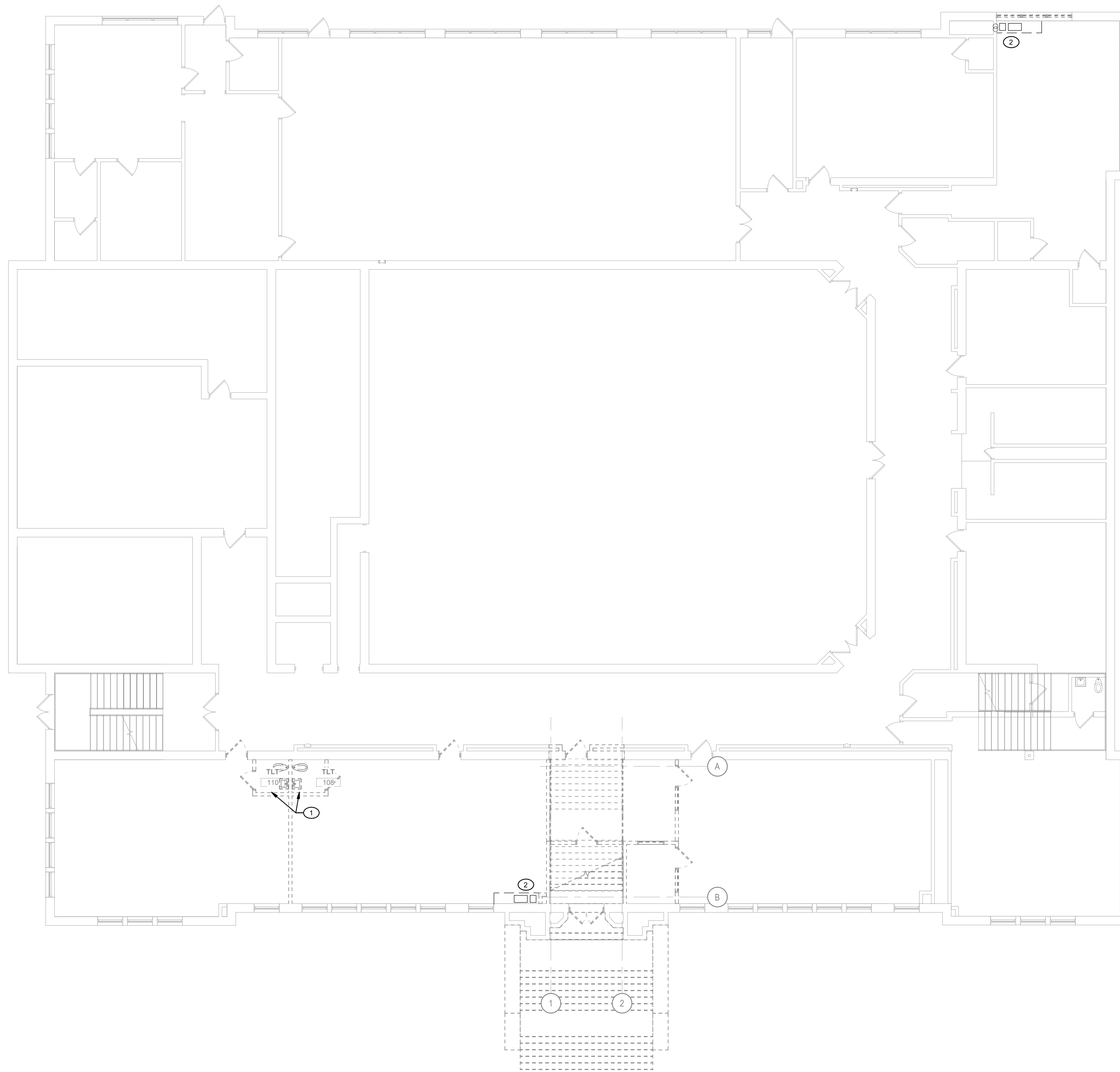
④ FLOOR CLEANOUT - FCO
SCALE: NO SCALE

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PLUMBING DIAGRAMS & SCHEDULES	PROJECT 3378.1 P4.0
PLOT SCALE NO SCALE	
FILENAME:	
DATE: 02/09/24	



1 FIRST FLOOR PLAN - DEMOLITION - PLUMBING
SCALE: 1/8" = 1'-0"

GENERAL NOTES:

1. VERIFY EXISTING CONDITIONS BEFORE BEGINNING WORK.
2. IF EXISTING CONDITIONS DO NOT MATCH CONTACT ENGINEER WITH WRITTEN REPORT.

NOTES BY SYMBOL: (THIS DRAWING ONLY)

1. REMOVE EXISTING TOILET ROOM FIXTURES, CARRIERS AND EQUIPMENT. CAP EXISTING DOMESTIC WATER ABOVE CEILING. CAP EXISTING SANITARY BELOW FLOOR AND EXISTING VENT ABOVE CEILING.
2. REMOVE EXISTING SINK. CAP EXISTING DOMESTIC WATER ABOVE CEILING. CAP EXISTING SANITARY BELOW FLOOR AND EXISTING VENT ABOVE CEILING.



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NO.	DATE	BY	DESCRIPTION OF CHANGES

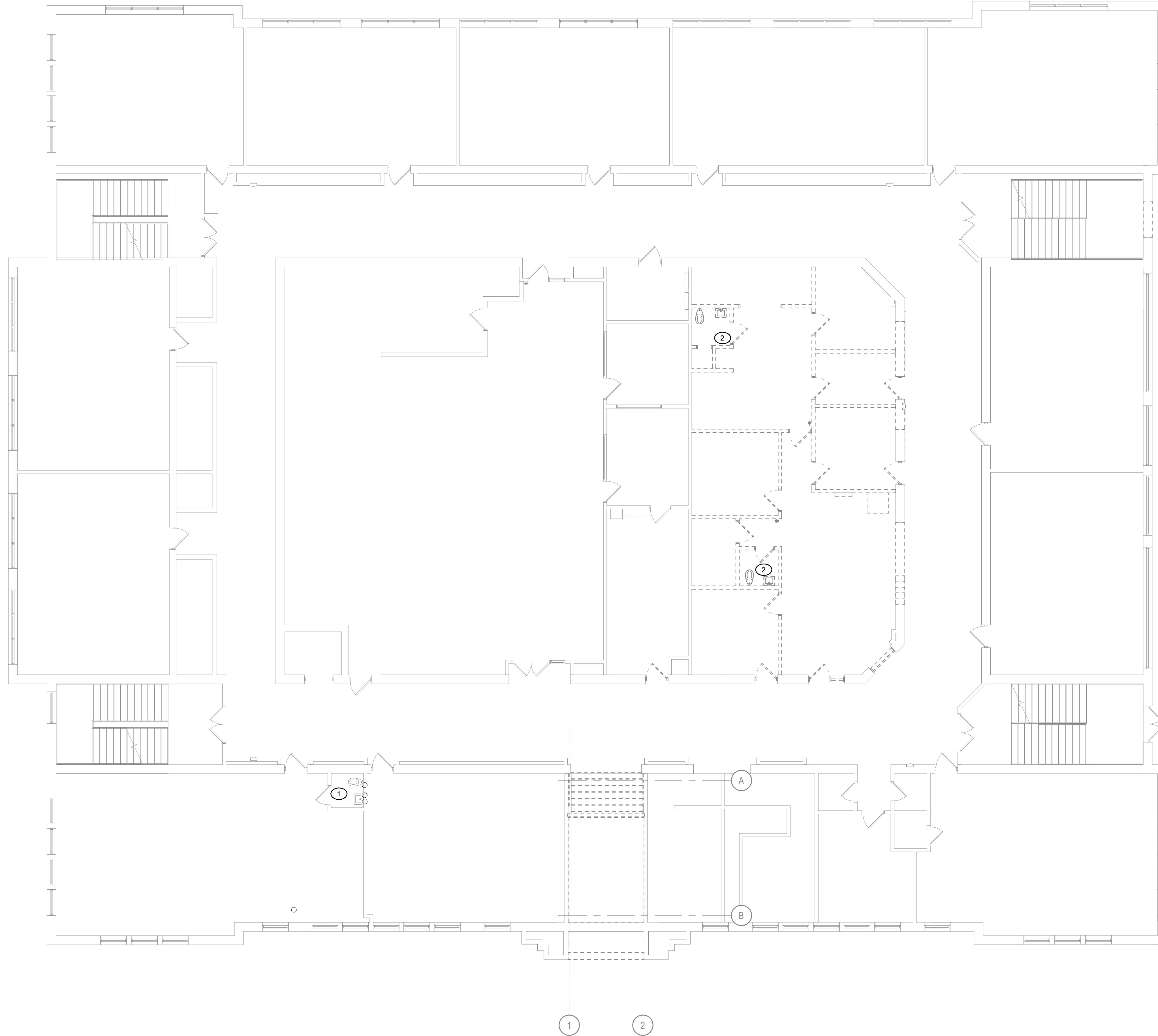
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FIRST FLOOR PLAN - DEMOLITION - PLUMBING
 PLOT SCALE: 1/8" = 1'-0"
 FILENAME:
 DATE: 02/09/24

PROJECT
 3378.1
PD1.1



① SECOND FLOOR PLAN - DEMOLITION - PLUMBING
SCALE: 1/8" = 1'-0"

GENERAL NOTES:

1. VERIFY EXISTING CONDITIONS BEFORE BEGINNING WORK.
2. IF EXISTING CONDITIONS DO NOT MATCH CONTACT ENGINEER WITH WRITTEN REPORT.

NOTES BY SYMBOL: #

(THIS DRAWING ONLY)

- ① EXISTING TOILET ROOM PLUMBING FIXTURES, EQUIPMENT, DOMESTIC, SANITARY AND VENT PIPING TO REMAIN.
- ② REMOVE EXISTING TOILET ROOM FIXTURES, CARRIERS AND EQUIPMENT. CAP EXISTING DOMESTIC WATER ABOVE CEILING, CAP EXISTING SANITARY BELOW FLOOR AND EXISTING VENT ABOVE CEILING.



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SECOND FLOOR PLAN -
DEMOLITION - PLUMBING
 PLOT SCALE:
1/8" = 1'-0"
 FILENAME:
 DATE:
02/09/24

PROJECT
3378.1
PD1.2